

Flowcoat LXP (0.7 mm)

A roller applied, high build, solvent free, flexible, coloured polyurethane-based floor coating.



Seamless:

Delivers a seamless finish, except for underlying slab joints.



Chemical Resistant:

Excellent resistance to cleaning agents, sugars and acids.



Anti-Slip:

Slip resistant finish can be tailored to specific client requirements.



Easy to Clean:

Seamless installation ensures dirt and dust are easily cleaned away.



Beige 326



Dark Grey 281



Forest Green
754



Goosewing
Grey 222



Mid Grey 280



Tile Red 637

The applied colours may differ from the examples shown.
For a full colour chart and samples, contact your local Flowcrete office.

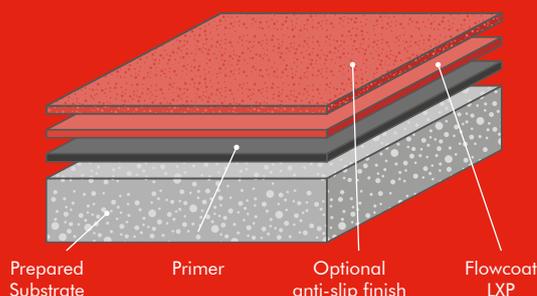
Technical Profile*

FIRE RESISTANCE			
EN 13501-1	B _{fl} -s1		
WEAR RESISTANCE			
Taber Abrader, H22 wheels, 1000 cycles, 1kg load			
EN ISO 5470-1	Weight loss < 100 mg		
BOND STRENGTH			
EN 1542	2.0 N/mm ²		
SURFACE HARDNESS			
ASTM D2240	65 (Shore D)		
IMPACT RESISTANCE			
EN ISO 6272	13 Nm		
TEMPERATURE RESISTANCE			
Tolerant up to 70°C (intermittent) or 60°C (sustained)			
CAPILLARY ABSORPTION & PERMEABILITY TO WATER			
EN 1062-3	0.001 kg/m ² x h ^{0.5}		
SLIP RESISTANCE**			
(in accordance with HSE and UKSRG guidelines)			
BS 7976-2 (typical values for 4-S rubber slider)	Dry > 40 low slip potential		
ELONGATION BREAK			
BS 6319	60%		
TEAR STRENGTH			
BS 6319	11MPa		
BS 8204-6 / FeRFA			
Type 3			
FLEXURAL STRENGTH			
EN 13892-2	> 15 N/mm ²		
TENSILE STRENGTH			
BS 6319-7	> 10 N/mm ²		
SPEED OF CURE***			
	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	12 days	7 days	7 days

*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

**The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry). Please contact our Technical Department for further details and specifications.

***Low relative humidity and good ventilation are pre-requisites to achieving the above drying times.



Prepared Substrate

Primer

Optional anti-slip finish

Flowcoat LXP

Model Specification

Product	Flowcoat LXP
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Preparatory work and application in accordance with manufacturer's instructions.

Products Included In This System

Primer	Concrete: Deckshield SF Primer @ 0.3 kg/m ² (Porous substrate may require 2 coats) Steel: Peran Primer W @ 0.25 kg/m ² Wood: Deckshield SF Primer @ 0.3 kg/m ² Asphalt: Not required
Coating	Flowcoat LXP (density 1.5 kg/l) @ 1.0 kg/m ² for 0.7 mm

Detailed application instructions are available upon request.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8203 and free from rising damp and ground water pressure. If no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Flowcoat system.

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website www.flowcrete.co.uk

Aftercare

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Terms and Conditions of Sale', copies of which can be obtained on request.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning.

Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Note

No resin system is totally colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in very light colours but does not compromise the product's physical or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change.

Intensively coloured products (e.g. hair colourants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discolouration in the surface. Please contact our Technical Services Department for further advice.

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Flowcrete UK Ltd. Please consult Technical Team in your own country region for specific details. [11/12/18, 01 UK]